

US009410324B2

(12) United States Patent

Chabowski

(54) METHOD OF ROOF COVERING WITH ROOF COVERING ELEMENTS (TILE-LIKE SHEETS)

(71) Applicant: Bogdan Wiecek BUDMAT, Plock (PL)

(72) Inventor: Andrzej Chabowski, Plock (PL)

(73) Assignee: **BOGDAN WIECEK BUDMAT**, Plock

(PL)

(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 14/432,746

(22) PCT Filed: Jul. 29, 2013

(86) PCT No.: PCT/PL2013/000099

§ 371 (c)(1),

(2) Date: Mar. 31, 2015

(87) PCT Pub. No.: WO2014/171845

PCT Pub. Date: Oct. 23, 2014

(65) **Prior Publication Data**

US 2015/0275519 A1 Oct. 1, 2015

(30) Foreign Application Priority Data

Apr. 15, 2013 (PL) 403552

(51) **Int. Cl. E04D 1/34**

E04D 3/36

(2006.01) (2006.01)

(Continued)

(52) U.S. Cl.

CPC .. *E04D 1/34* (2013.01); *E04D 3/30* (2013.01); *E04D 3/365* (2013.01); *E04D 3/3606* (2013.01); *E04D 12/004* (2013.01);

(Continued)

(10) **Patent No.:**

US 9,410,324 B2

(45) **Date of Patent:**

Aug. 9, 2016

(58) Field of Classification Search

CPC . E04D 1/34; E04D 12/004; E04D 2001/3426; E04D 2001/3408; E04D 2001/3452; E04D 2001/3476; E04D 2001/3482; E04D 3/36;

E04D 3/361; E04D 3/365

USPC 52/747.1, 747.11, 748.1, 520, 532, 543,

52/551, 536, 537, 478

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

37,450	Α	*	1/1863	Lasserr	e	52/521
121,438	A	*	11/1871	Wands		52/547
(Continued)						

FOREIGN PATENT DOCUMENTS

CA 2868563 A1 10/2013 CA 2868566 9/2014

(Continued)

OTHER PUBLICATIONS

International Search Report of International Application No. PCT/PL2013/000099 mailed Dec. 18, 2013.

(Continued)

Primary Examiner — Robert Canfield (74) Attorney, Agent, or Firm — Roberts Mlotkowski Safran Cole & Calderon, P.C.

(57) ABSTRACT

A method for covering a roof with tile-like roof covering elements each having assembling holes at the corners, wherein the edges of the roof covering elements are overlapped such that the assembling holes align and are mounted together with screws. Additionally, one or more of the roof covering elements can be mounted to at least one roof batten with a cramp and screw.

4 Claims, 3 Drawing Sheets



